

Form PTO-1449		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DOCKET NO. MI22-2037	SERIAL NO. 09/945,508	
LIST OF ART CITED BY APPLICANT (Use several sheets if necessary)					APPLICANT: Kei-Yu Ko		
					FILING DATE August 30, 2001	GROUP 1765	
U.S. PATENT DOCUMENTS							
Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>L.J.K</i>	AA	4,381,201	04/26/83	Sakurai	148	1.5	
<i>L.J.K</i>	AB	4,472,729	09/18/84	Shibata et al.	357	49	
<i>L.J.K</i>	AC	4,489,478	12/25/84	Sakurai	29	574	
<i>L.J.K</i>	AD	4,681,657	07/21/87	Hwang et al.	156	657	
<i>L.J.K</i>	AE	4,753,709	06/28/88	Welch et al.	156	643	
<i>L.J.K</i>	AF	4,807,016	02/21/89	Douglas	357	67	
<i>L.J.K</i>	AG	4,818,335	04/04/89	Karnett	156	644	
<i>L.J.K</i>	AH	4,966,865	10/30/90	Welch et al.	437	192	
<i>L.J.K</i>	AI	5,037,777	08/06/91	Mele et al.	437	195	
<i>L.J.K</i>	AJ	5,063,169	11/05/91	DeBruin et al.	437	41	
<i>L.J.K</i>	AK	5,084,417	01/28/92	Joshi et al.	437	192	
FOREIGN PATENT DOCUMENTS							
		Document Number	Date	Country	Class	Subclass	Translation
<i>L.J.K</i>	AL	56-114355	09.08.81	Japan (Yoji)			Yes
<i>L.J.K</i>	AM	60-42821	03.07.85	Japan (Mitsubishi Electric Corp)			No
<i>L.J.K</i>	AN	61-133555	12.09.86	Japan (Varta Batterie)			Abstract
<i>L.J.K</i>	AO	0 265 584 A2	05.05.87	EPO (IBM)			X
OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)							
<i>L.J.K</i>	AP	Abatchev et al., <i>Study of the Boron-Phosphorous Doped and Undoped Silicate Glass Etching in CHF₃/Ar Plasma</i> , 96 ELECTROCHEM SOC. PROCEEDINGS, No. 12, pp. 522-530 (1996).					
<i>L.J.K</i>	AQ	Ikegami et al., <i>Mechanisms of High PSG/SiO₂ Selective Etching in a Highly Polymerized Fluorocarbon Plasma</i> , 30 JAP. J. APPL. PHYS., No. 7, pp. 1556-1561 (July 1991).					
EXAMINER		DATE CONSIDERED					
<i>Lynette J. Wang-Ermin</i>		2/20/2003					

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
LJME	AA	5,150,276	09/22/92	Gonzalez et al.	361	313	
LJME	AB	5,192,703	03/09/93	Lee et al.	437	52	
LJME	AC	5,208,176	05/04/93	Ahmad et al.	437	47	
LJME	AD	5,210,047	05/11/93	Woo et al.	437	43	
LJME	AE	5,252,517	10/12/93	Blalock et al.	437	195	
LJME	AF	5,286,344	02/15/94	Blalock et al.	156	657	
LJME	AG	5,298,465	03/29/94	Levy	437	225	
LJME	AH	5,312,768	05/17/94	Gonzalez	437	40	
LJME	AI	5,321,286	06/14/94	Koyama et al.	257	315	
LJME	AJ	5,323,047	06/21/94	Nguyen	257	384	
LJME	AK	5,362,666	11/08/94	Dennison	437	52	

FOREIGN PATENT DOCUMENTS

		Document Number	Date	Country	Class	Subclass	Translation	
							Yes	No
LJME	AL	0 465 044 A2	19.06.91	EPO (AT&T)				
LJME	AM	4-345054	12.01.92	Japan (Ricoh Co.)				X
LJME	AN	0 496 614 A1	23.01.92	EPO (NEC Corp.)				
LJME	AO	4-360570	14.12.92	Japan (Mitsubishi Electric Corp.)			Abstract	

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

LJME	AP	van den Hoek et al., <i>Isotropic plasma etching of doped and undoped silicon dioxide for contact holes and vias</i> , 7 J. VAC. SCI. TECHNOL., No. 3, pp. 670-675 (May/June 1989).					
	AQ						

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Dynnette J. Umag-Surmani

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U.S. PATENT DOCUMENTS

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
L.J.Y.K	AA	5,366,590	11/22/94	Kadomura	156	662	
L.J.Y.K	AB	5,374,332	12/20/94	Koyama et al.	156	643	
L.J.Y.K	AC	5,401,681	03/28/95	Dennison	437	60	
L.J.Y.K	AD	5,422,308	06/06/95	Nicholls et al.	437	192	
L.J.Y.K	AE	5,423,945	06/13/95	Marks et al.	156	662.1	
L.J.Y.K	AF	5,429,070	07/04/95	Campbell et al.	118	723	
L.J.Y.K	AG	5,445,712	08/29/95	Yanagida	156	662	
L.J.Y.K	AH	5,478,772	12/26/95	Fazan	437	60	
L.J.Y.K	AI	5,482,894	01/09/96	Havemann	437	195	
L.J.Y.K	AJ	5,485,035	01/16/96	Lin et al.	257	637	
L.J.Y.K	AK	5,550,071	08/27/96	Ryou	437	41	

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
L.J.Y.K	AL 5-335482	17.12.93	Japan (Semiconductor Energy)			Abstract	
L.J.Y.K	AM 0 680 084 A1	28.04.95	EPO (Texas Instruments, Inc.)				
L.J.Y.K	AN 0 763 850 A1	30.08.96	EPO (Applied Materials, Inc.)				
L.J.Y.K	AO WO 98/49719	05.11.98	WIPO (Micron Technology, Inc.)				

OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER *Lynette S. Umz-Eunmi*

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U.S. PATENT DOCUMENTS

Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
L.J.M.E.	AA	5,611,888	03/18/97	Bosch et al.	156	643.1	
L.J.M.E.	AB	5,626,716	05/06/97	Bosch et al.	438	723	
L.J.M.E.	AC	5,643,819	07/01/97	Tseng	437	60	
L.J.M.E.	AD	5,677,227	10/14/97	Yang et al.	437	60	
L.J.M.E.	AE	5,685,914	11/11/97	Hills et al.	118	723	
L.J.M.E.	AF	5,685,951	11/11/97	Torek et al.	156	646.1	
L.J.M.E.	AG	5,700,731	12/23/97	Lin et al.	438	381	
L.J.M.E.	AH	5,712,202	01/27/98	Liaw et al.	438	253	
L.J.M.E.	AI	5,731,130	03/24/98	Tseng	430	316	
L.J.M.E.	AJ	5,731,242	03/24/98	Parat et al.	438	586	
L.J.M.E.	AK	5,736,455	04/07/98	Iyer et al.	138	592	

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EXAMINER <i>Dynotte J. Umeg-Eurini</i>	DATE CONSIDERED <i>2/20/2003</i>
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U.S. PATENT DOCUMENTS

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X.J.YE	AA	5,747,369	05/05/98	Kantimahanti et al.	438	241	
X.J.YE	AB	5,780,338	07/14/98	Jeng et al.	438	253	
X.J.YE	AC	5,783,496	07/21/98	Flanner et al.	438	743	
X.J.YE	AD	5,792,689	08/11/98	Yang et al.	438	253	
X.J.YE	AE	5,792,703	08/11/98	Bronner et al.	438	620	
X.J.YE	AF	5,817,579	10/06/98	Ko et al.	438	740	
X.J.YE	AG	5,821,594	10/13/98	Kasai	257	410	
X.J.YE	AH	5,851,896	12/22/98	Summerfelt	438	396	
X.J.YE	AI	5,871,659	02/16/99	Sakano et al.	216	79	
X.J.YE	AJ	5,883,436	03/16/99	Sadjadi et al.	257	760	
X.J.YE	AK	5,897,352	04/27/99	Lin et al.	438	255	

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EXAMINER *Lynette J. Yng-Eumin*

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U.S. PATENT DOCUMENTS

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L.J.K.E.	AA	5,918,120	06/29/99	Huang	438	239	
L.J.K.E.	AB	5,936,272	08/10/99	Lee	257	306	
L.J.K.E.	AC	5,946,568	08/31/99	Hsiao et al.	438	253	
L.J.K.E.	AD	5,986,299	11/16/99	Nakamura et al.	257	296	
L.J.K.E.	AE	5,990,507	11/23/99	Mochizuki et al.	257	295	
L.J.K.E.	AF	6,074,488	06/13/00	Roderick et al.	118	728	
L.J.K.E.	AG	6,074,958	06/13/00	Tokunaga et al.	438	724	
L.J.K.E.	AH	6,117,788	09/12/00	Ko	438	706	
L.J.K.E.	AI	6,117,791	09/12/00	Ko et al.	438	723	
L.J.K.E.	AJ	6,121,671	09/19/00	Ko et al.	257	644	
L.J.K.E.	AK	6,124,199	09/26/00	Bohr	438	595	

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*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date if Appropriate
<i>L.Y.K.</i>	AA	6,153,490	11/28/00	Xing et al.	438	396	
<i>L.Y.K.</i>	AB	6,159,862	12/12/00	Yamada et al.	438	712	
<i>L.Y.K.</i>	AC	6,165,880	12/26/00	Yaung et al.	438	592	
<i>L.Y.K.</i>	AD	6,171,970 B1	01/09/01	Xing et al.	438	706	
<i>L.Y.K.</i>	AE	6,174,451 B1	01/16/01	Hung et al.	216	67	
<i>L.Y.K.</i>	AF	6,183,655 B1	02/06/01	Wang et al.	216	68	
<i>L.Y.K.</i>	AG	6,242,759 B1	06/05/01	Yamazaki et al.	257	69	
<i>L.Y.K.</i>	AH	6,271,542 B1	08/07/01	Emma et al.	257	67	
<i>L.Y.K.</i>	AI	6,277,758 B1	08/21/01	Ko	438	706	
<i>L.Y.K.</i>	AJ	6,337,285 B1	01/08/02	Ko	438	714	
<i>L.Y.K.</i>	AK	6,432,833 B1	08/13/02	Ko	438	714	
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*Examiner Initial		Document Number	Date	Name		Class	Subclass	Filing Date if Appropriate	
L.J.M.E	AA	6,458,685 B2	10/01/02	Ko et al.		438	621		
L.J.M.E	AB	08/846,671		Ko (as filed and as amended)				04/30/1997	
L.J.M.E	AC	09/532,088		Ko (as filed)				03/21/2000	
L.J.M.E	AD	09/579,402		Ko (as filed and as amended)				05/25/2000	
	AE								
	AF								
	AG								
	AH								
	AI								
	AJ								
	AK								
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